

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057325.D
 Acq On : 28 Dec 2023 10:48
 Operator : MD/SY
 Sample : 06020-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:48:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

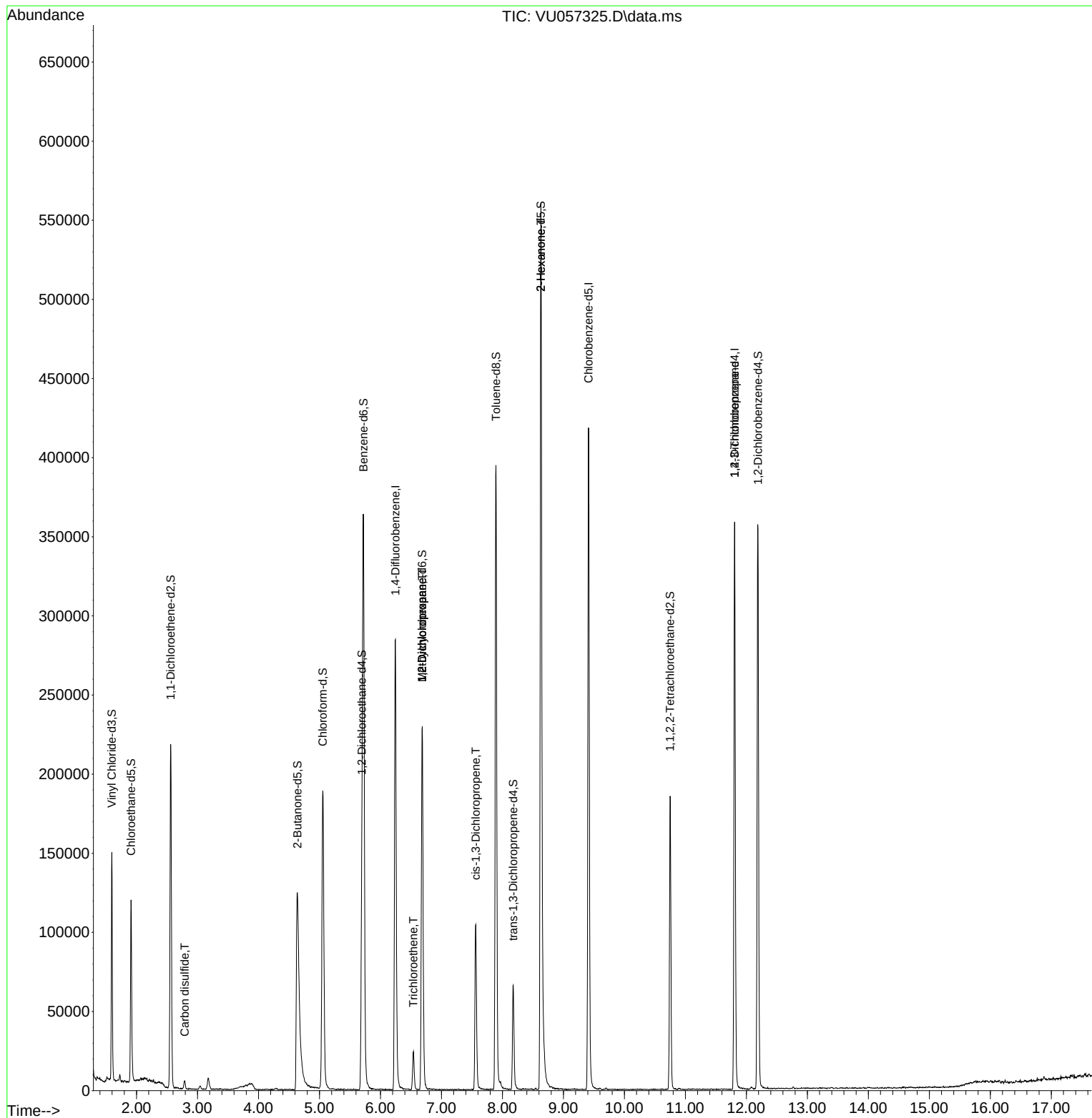
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	228964	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	235022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	102418	5.203	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.000%		
7) Chloroethane-d5	1.911	69	88707	5.611	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.200%		
11) 1,1-Dichloroethene-d2	2.560	65	43430	5.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.800%		
20) 2-Butanone-d5	4.637	46	255307	57.267	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.540%		
24) Chloroform-d	5.055	84	184220	5.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
26) 1,2-Dichloroethane-d4	5.695	65	97840	5.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.400%		
32) Benzene-d6	5.721	84	344571	5.143	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
36) 1,2-Dichloropropane-d6	6.685	67	113275	5.396	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.000%		
41) Toluene-d8	7.894	98	269514	4.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.200%		
43) trans-1,3-Dichloroprop...	8.177	79	40883	4.853	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.000%		
46) 2-Hexanone-d5	8.630	63	189947	49.788	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.580%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92029	5.220	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	95302	5.649	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.000%		
Target Compounds						Qvalue
14) Carbon disulfide	2.792	76	6857	0.161	ug/L	99
34) Trichloroethene	6.541	95	8399	0.466	ug/L	85
35) Methylcyclohexane	6.685	83	27441	1.164	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11890	0.631	ug/L #	91
39) cis-1,3-Dichloropropene	7.563	75	2922	0.113	ug/L #	76
48) 2-Hexanone	8.630	43	23659	3.343	ug/L #	75
61) 1,2,3-Trichloropropane	11.807	75	11891	1.229	ug/L #	66

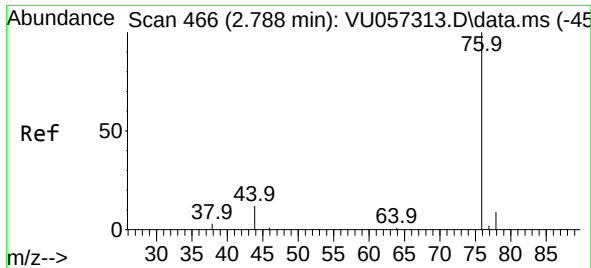
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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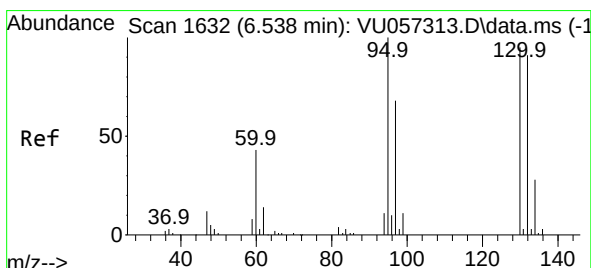
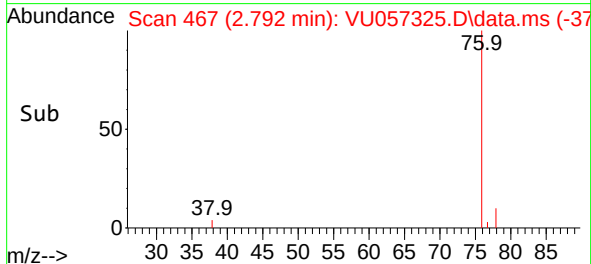
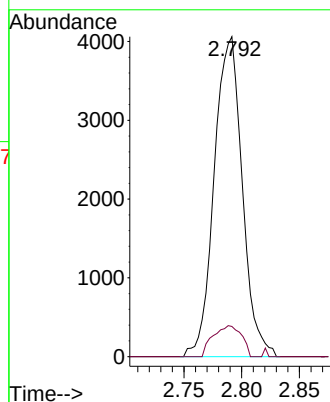
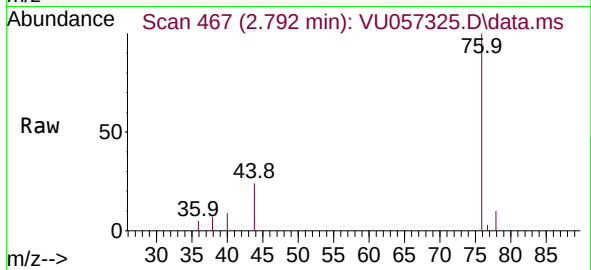




#14
Carbon disulfide
Concen: 0.161 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU057325.D
Acq: 28 Dec 2023 10:48

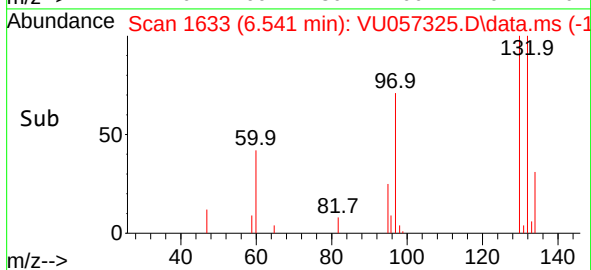
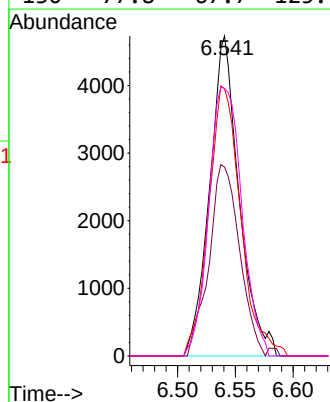
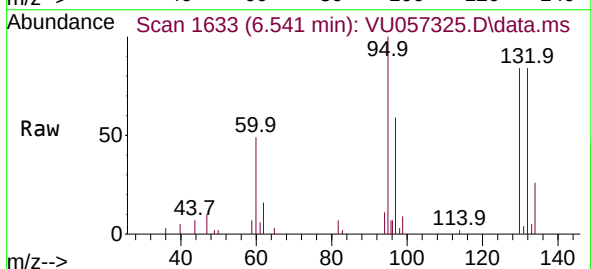
Instrument :
MSVOA_U
ClientSampleId :

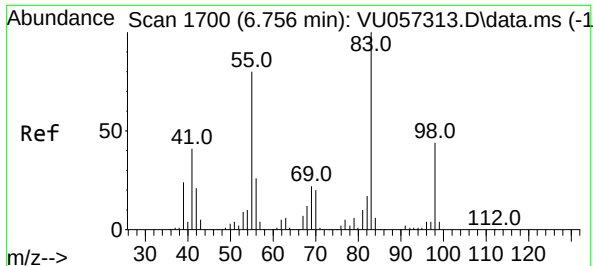
Tgt Ion: 76 Resp: 6857
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#34
Trichloroethene
Concen: 0.466 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU057325.D
Acq: 28 Dec 2023 10:48

Tgt Ion: 95 Resp: 8399
Ion Ratio Lower Upper
95 100
97 54.9 45.3 84.1
132 77.8 63.1 117.3
130 77.8 67.7 125.7

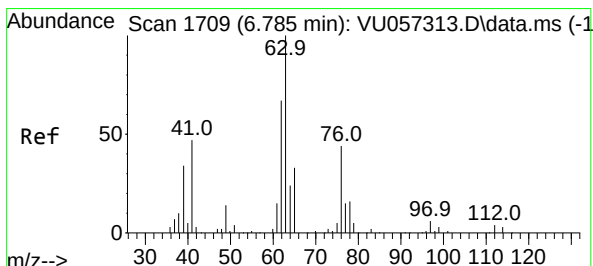
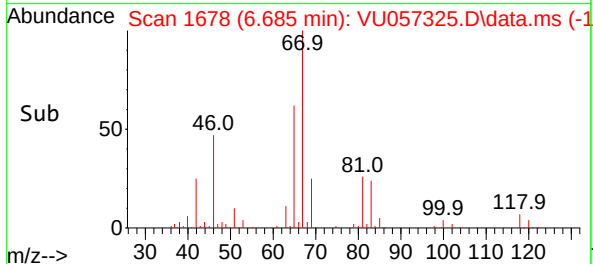
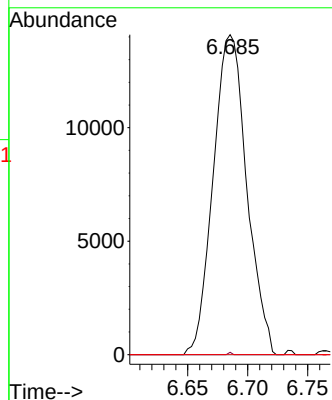
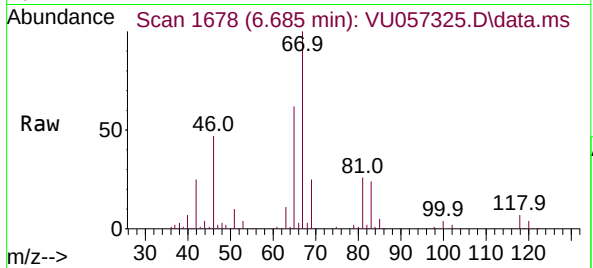




#35
Methylcyclohexane
Concen: 1.164 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057325.D
Acq: 28 Dec 2023 10:48

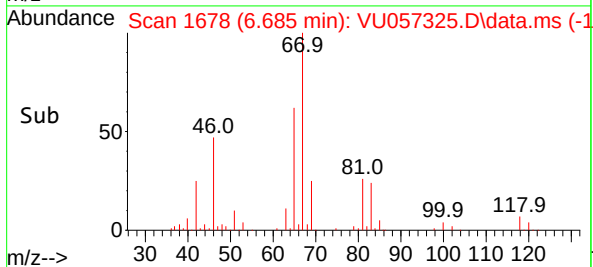
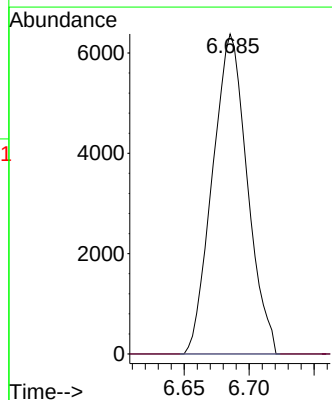
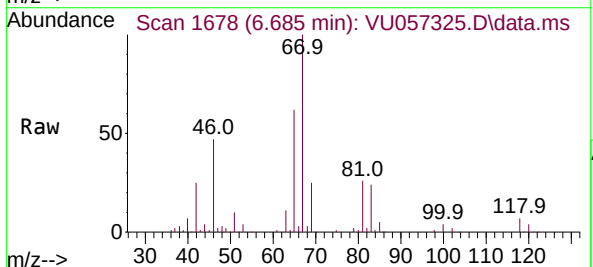
Instrument :
MSVOA_U
ClientSampleId :

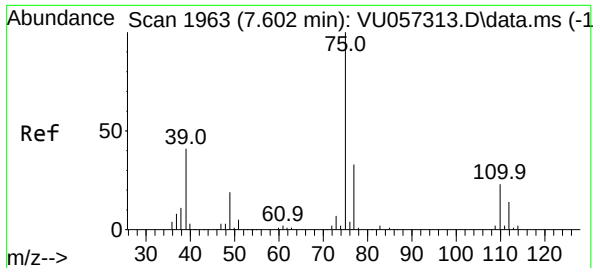
Tgt Ion: 83 Resp: 27441
Ion Ratio Lower Upper
83 100
55 0.1 65.4 98.2#
98 3.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057325.D
Acq: 28 Dec 2023 10:48

Tgt Ion: 63 Resp: 11890
Ion Ratio Lower Upper
63 100
112 0.6 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.563 min Scan# 1963

Delta R.T. -0.039 min

Lab File: VU057325.D

Acq: 28 Dec 2023 10:48

Instrument :

MSVOA_U

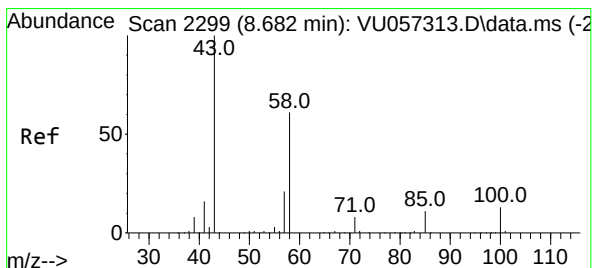
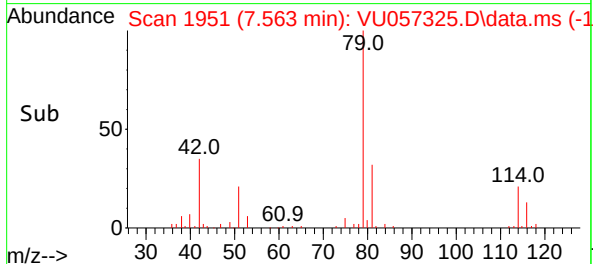
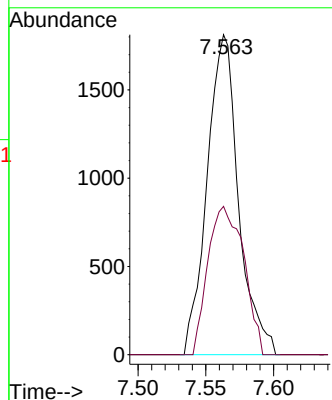
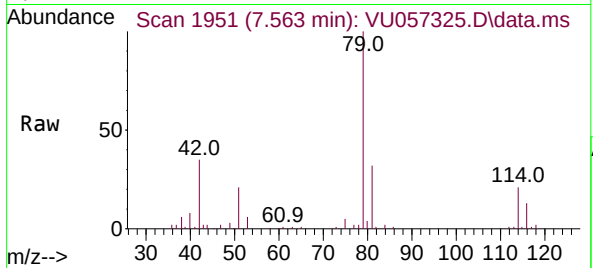
ClientSampleId :

Tgt Ion: 75 Resp: 2922

Ion Ratio Lower Upper

75 100

77 46.4 23.0 42.8#



#48

2-Hexanone

Concen: 3.343 ug/L

RT: 8.630 min Scan# 2283

Delta R.T. -0.052 min

Lab File: VU057325.D

Acq: 28 Dec 2023 10:48

Tgt Ion: 43 Resp: 23659

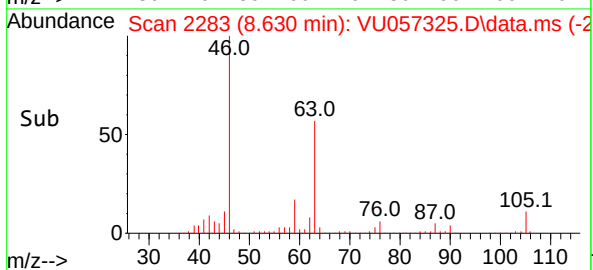
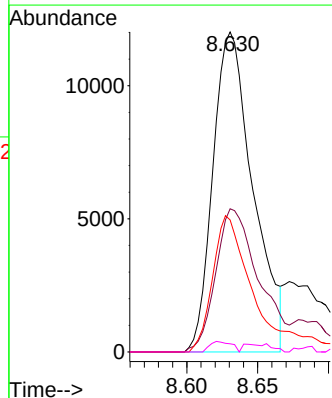
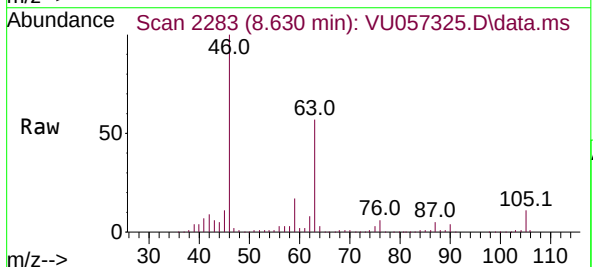
Ion Ratio Lower Upper

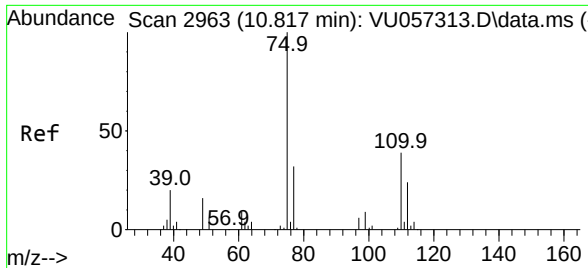
43 100

58 48.6 48.4 72.6

57 44.6 17.4 26.2#

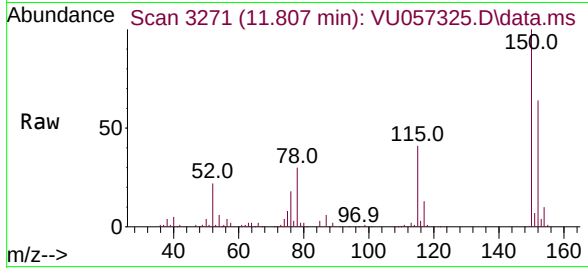
100 1.8 10.1 15.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.229 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057325.D
 Acq: 28 Dec 2023 10:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11891
Ion	Ratio	Lower	Upper
75	100		
110	1.9	29.0	43.6#
77	35.1	25.4	38.2

